

ABSTRACT OF THE DISCLOSURE

A method and apparatus for minimizing the interference between wireless transmissions and a proximately located or co-located GPS receiver is disclosed. By feedforward of a phase and amplitude adjusted version of the transmitted signal and combining said signal with the composite signal at the input of the GPS receiver, the GPS receiver sensitivity degradation is reduced or eliminated in the case of perfect cancellation, and the GPS receiver is not jammed by the wireless transmissions. The invention allows a single antenna to be implemented for GPS reception and wireless transmission and reception without unduly complicating the diplexing/filtering network required to separate the multiple signals being transmitted and/or received by the single antenna.

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